

BRUHATH BANGALORE MAHANAGARA PALIKE

SUB ESTIMATE FOR PROVIDING WATER SUPPLY THROUGH PIPELINE TO EXISTING BOREWELLS IN WARD NO.8,KODIGEHALLI.

Est. Cost Rs. 390000.00

Sl. No	Description	Unit	Dimensions				Qty.	Rate	Amount
			No.	L.	B.	D			

1 KSRB : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications.(Page No.5, Item No. 2.4) KPWD SR 2015-16

pipe line Cu 1 295.00 0.45 0.45 59.74
59.74 288.36 17226.00

Basic Rate 267.00
Area Wtg 8% 21.36
Net Rate 288.36

2 Supplying PVC ring tight pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite rolling and lowering into trenches laying true line and level and perfect linking at joints testing and commissioning including loading and unloading at both destination and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approval type with all labour with all lead and lift including encasing the pipe around to a depth of not less than 15 cms with soft gravel or selected earth available from the excavation etc., complete and giving necessary hydraulic test to the required pressure as per IS (Contractor will make his own arrangement for procuring water for testing) (Page no.53, Item no.1(3) BWSSB SR-2014-15)

Rmtr 1 295.00 295.00
3200.00 77.38 247616.00

Basic Rate 77.38
Net Rate 77.38

3 KSRB : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications allow 60% of rate considered under item.(Page No.6,Item No. 2.11) KPWD SR-2015-16

Qty. vide item No. 32 Cu 59.74
59.74 77.76 4645.00

Basic Rate 72.00
Area Wtg 8% 5.76
Net Rate 77.76

- KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to **wet mix macadam** specifications including pre mixing the water at OMC in machanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.MORTH specification No.406 (Page No.157, Item No.20.18)

Cu 1 295.00 0.45 0.20 26.55
26.55 1713.96 45506.00

Basic Rate 1587.00
Area Wtg 8% 126.96
Net Rate 1713.96

- KSRRB M500- 15. Providing, laying bituminous Concrete using 100/120 THP capacity H.M.P with Sensor paver Gr-II(30mm to 45mm), crushed aggregates of specified grading premixed with 6% CRMB 55 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade, rolling with wheeled , vibratory and tandeem rollers to achieve the desired density including all leads and lift cost of all materials, labour, HOM of machineries complete as per specifications MORTH Specification No.509 (Page No 164., I.No.21.23.2 of KPWD S.R 2015-16).

Cu 1 295.00 0.45 0.030 3.98
3.98 9888.48 39381.00
Per Cum

Basic Rate 9156.00
Area Wtg 8% 732.48
Net Rate 9888.48

TOTAL 354374.00

- 6 Add 10% Q.C. Including KRIDL Charges 35437.40
7 Miscellaneous and unforeseen cahrges 188.60

NET TOTAL 390000.00

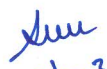
CERTIFICATE

- The above Estimate has been prepared as per PWD Bangalore Circle Schedule of Rates 2015-16,
1 Electrical SR 2014-15 and BWSSB SR 2014-15
2 Certify that the work spot has been inspected by his & prepared the estimate in most economical way of executing the work.
3 The Work Spot comes under BBMP Limits
4 This Estimate is prepared with Essential Provisions


Asst. Engineer
Ward No.8


Asst. Executive Engineer
Kodigehalli Sub Division
BBMP


Executive Engineer 21/03
Byatarayanapura Division
Bruhath Bangalore Mahanagara Palike


21/03